PROJECTION

LANTERN and CINEMATOGRAPH

WRENCH'S
MONTHLY BULLETIN

No. 10 May, 1907

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PROJECTION

LANTERN and CINEMATOGRAPH

Published by

JOHN WRENCH & SON.

50, Gray's Inn Road,
London, W.C.

ESTABLISHED 1816 TRADE MARK

Telephone 5006 Holborn
Telegrams: "Optigraph London."

No. 10. MAY, 1907. Gratis, Exclusive Trade Circulation

Spring and the Camera.

SPRING has, this year, been heralded with a vengeance. The weather has certainly been phenomenal, and as there seems every likelihood of its continuing, those members of the trade who take cinematograph pictures are overhauling old cameras and looking about for new and really up-to-date instruments. We have, on one or two occasions, drawn attention to the Model E Cinematograph Camera, but we would, now that the season has really commenced, again urge upon our readers the advisability of seeing the instrument before deciding upon any new apparatus. It has been especially designed to meet all the requirements of the really practical workers, and it is now being used, with the greatest satisfaction, by a number of well-known photographers. In fact, all who have used it have nothing to say of it but praise, and this gives us confidence to offer it to the whole of our *clientele*, the world over, for it is so designed that it can be used equally well either in the Tropics or at the Poles. At first this might seem an extravagant statement, but we can substantiate it up to the hilt.

The Model E Cinematograph Camera is box-form in shape, and can be supplied either in polished mahogany, or covered in waterproof Morocco. The sides and ends are "strapped" together with metal rods, and the mere fact of closing any of the three doors tightens these rods, and thus clamps the sides firmly together. In

DON'T WRITE US

should you have any query in connection with the Optical Lantern, before consulting the INTRODUCTORY REMARKS in our 1907 Illustrated Catalogue

We have endeavoured

therein to answer almost all the queries that might arise in connection with the subject. This will save your time and make a good impression on your customer.

Have you misplaced or given away

the copy of the list already sent to you? If so, we shall be only too pleased to forward you another copy, gratis and post free, on receipt of application.

"AN EDITION DE LUXE, AND A COMPREHENSIVE GUIDE TO THE LANTERN AND CINEMATOGRAPH TRADE."

Vide Press Opinion.

Dealers SELL our specialities they don't KEEP them.

JOHN WRENCH & SON

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this way it is impossible for the case to warp, even under the most trying circumstances, hence the camera is kept perfectly light-tight under all conditions. The mechanism is made throughout of metal, and is constructed chiefly of aluminium so as to reduce the weight to a minimum. The moving parts are mounted on an aluminium frame, the bottom being fitted with a thread for taking the tripod screw. By this means the whole of the mechanism is bound to stand, which is far preferable to the older method of simply using a bush in the camera body. We might also mention that with the exception of the lens and the view-finder lens, there are no projections, and the camera is self-contained and immediately ready for use when fixed to the tripod.

The movement is on the pin-clutch principle, and after months of experimenting we are more than pleased to be able to announce that we have got it to work with scientific precision, that is, for the pins to enter the centre of the perforations in a perfectly horizontal plane, and then to pull the film down in an absolutely vertical plane, and afterwards for the pins to leave the perforations exactly at right angles. The tendency has always been for the pins to work in the form of a small segment of a large arc, but this causes a certain amount of "drag" on the film, which is fatal to really critical work. A little device, somewhat after the shape of a letter-box, is fitted over the movement, which prevents any stray light from creeping down the film and so fogging it. The shutter has likewise received very careful consideration, in order that it shall be *perfectly* balanced at *any* aperture. It is made of aluminium, and consists of a sliding segment, so that the aperture can be altered for varying exposures.

The mechanism may be worked from any one of three positions; the upper one will be found very convenient when the camera is being used on a table or other similar support, the lower one when the camera is fixed to the tripod stand, and the remaining one for working the mechanism at the rate of one turn, one picture. An automatic register is fitted to each camera which enables the operator to tell at a glance the amount of film he has exposed. This can be set to zero at any time so that there are absolutely no calculations to make in order to ascertain, at any moment, the length of film exposed. The gate is of a new and improved design, it is detachable, and the film is kept in perfect register by a series of metal "cradles," actuated by hair springs. In this way there can be no drag or tension on the film whilst it is running, a point which will appeal to all practical photographers. It is impossible to describe the mechanism of the gate without diagrams, but it has only to be seen in order to be appreciated.

One great advantage of the above camera is the improved view finder. This passes right through the body of the camera, and so enables the operator to see the view, even in bright sunshine, and whilst he is taking his picture. It is placed low down in the camera, so as to be on a level with the eye when the instrument is on the stand, and by its means the picture can be kept in view, if necessary, the whole time that the exposure is being made. Consequently, for panoramic work, or for following any moving object, we venture to say that it will come to be looked upon as a *sine qua non*.

Another great advantage is the interchangeable re-winding arrangement, which enables the operator to reverse the movement by merely altering the spring band from one pulley to another. This will be found exceedingly useful for taking "Trick" films, especially that the change can be made so rapidly. The film boxes are made of aluminium and are circular in shape. They each hold 350 feet of film, and are provided with perfect light-tight "mouths," so that there is no fear of fogging the film when changing the boxes, either before or after exposure. Not only so, but they are fitted with a special form of lid which cannot possibly come off accidentally, owing to a neat spring catch which works on the same principle as the small spring on the rim of the "Wrench" Condenser.

Such then are a few of the features of the Model E Camera. Needless to say, the workmanship throughout is of the best, and only the best materials are used in its construction, so that we can, without the slightest hesitation, term it an instrument of precision in the truest sense of the word. The price is £25. We shall be only too pleased to give our customers any further particulars they may require on hearing from them.

* * *

A New Carrier and Cut-off.

During the past month we have introduced an entirely new pattern of metal carrier and automatic cut-off for Cinematograph projection, but which is especially suitable for those instruments which are not fitted with a cut-off to the machine. It is made of brass, neatly polished, figured and lacquered of a deep rich golden colour, but instead of having two openings 3¼ ins. square, as in the usual patterns, it has three openings of this size. The centre opening is fitted with a sheet of asbestos, covered on one side with Russian iron, so that it will stand a large amount of wear and tear. This is used for the cut-off, and the asbestos, being a non-conductor of heat, does not allow the heat from the illuminant to pass to the metal framework of the carrier. The carrier is fitted at each end with a long fibre wood handle, making it quite an easy task for the operator

to use it, and in order to show when the cut-off is central in the carrier, the inner framework runs over a metal ball fitted to a spring: this springs into a small notch every time the carrier is moved to and fro, and whilst the tension is not too great to cause the carrier to stick, it gives just sufficient resistance to let the operator know that the cut-off is in position. The price of this new Carrier is 17/6, but we shall be pleased to give special quotations for orders of not less than one dozen. The above price is, however, subject to the usual trade discount.

Notes from all Sources

NOW that the photographic season is in full swing, we would again respectfully draw our readers' attention to the fact that we specialise on photographic repairs of every description. A special department has been opened for this class of work, and we are pleased to find that our customers are fully satisfied, both with our work in this connection and with the prices charged.

* * *

The Paris *Matin*, has a white sheet outside its offices, upon which are thrown, daily, animated pictures of topical interest. According to the *Pall Mall Gazette* it is estimated that ten thousand people sup nightly at this fine journalistic table. The cinematograph is also to be found along the Boulevards, where free shows are given. These are primarily used for advertising purposes, but the advertisements are intermingled with some really excellent subjects. Who says the Cinematograph has reached its Zenith ?

* * *

Joe Elvin's sketch at the Oxford Music Hall, entitled, " Trespassers Beware," was essentially based upon the taking of a " faked " Cinematograph picture.

* * *

Speaking of " fakes " reminds us that at the moment of writing it seems that there is going to be trouble in the Cinematograph world in respect to this class of film. One firm alleges that a competitor has used for a topical event this year, a film, parts of which were taken and shown at least two years ago. If this be so, the word "topical" will have a new meaning in the future.

ARE YOU AWARE

THAT FOR

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The MODEL A.
PERFECT PROJECTOR or P.P. INSTRUMENT

Has met with an immense sale since its introduction. It is beautifully made, from the best material procurable, by competent workmen, and works with very little noise, and gives absolutely satisfactory results on the screen. It has proved a revelation in Cinematograph construction, and is appreciated by all who are using it.

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OBJECTIVES: BASEBOARD: SLIDING LANTERN
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Owing to the immense demand we are compelled to execute orders in strict rotation.

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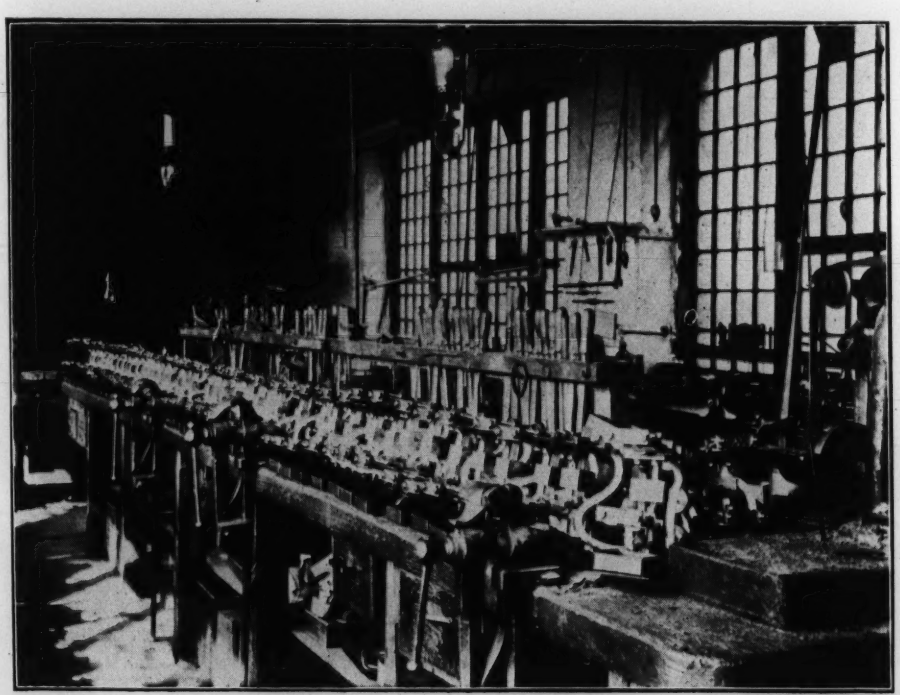
Before the members of the Anthropological Institute, Dr. Seligman gave, last month, a series of animated pictures, illustrating New Guinea Native Dances.

* * *

It is announced that an entirely satisfactory film is to be introduced which is non-inflammable. We have heard of this kind of thing before, but there has always been something wanting in the adjectival portion of the commodity.

* * *

The accompanying illustration gives, far better than any written description, some idea of the way in which we turn our work



out in our London workshops. It shows a batch of 50 arc lamps, most of which are required to complete orders already in hand.

* * *

The following par. from *The Entr'acte* is very instructive and to the point: "At most of our West End halls, there would be an awkward gap in the bill were the cinematograph to be suddenly removed. And the public, which is naturally the final court of appeal, has placed such an emphatic seal of approval upon this form of entertainment that its popularity is not likely to wane."

* * *

The recent accident at Stoat's Nest, resulting in the death of one of the principal actors for a cinematograph film only goes to prove the risks that are run by the makers for securing subjects of a sensational character. Moreover, it shows *inter alia*, the necessity of being quite clear of one's ground before launching out on any subject whatsoever.

EVERYTHING
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We supply all the apparatus and accessories necessary for both taking and projecting animated pictures, and they are made throughout in our own workshops in London, by thoroughly : : competent and efficient workmen : :

CINEMATOGRAPH CAMERAS

Our model "E" camera is, without doubt, the most scientific and up-to-date instrument that has ever been introduced for taking animated pictures, and we are frequently receiving golden opinions from those who are using it. The reason is, that it is the outcome of years of experience, and that every detail has been : : : : most carefully considered : : : :

PROFESSIONAL CINEMATOGRAPHS

Are you aware that we supply Projectors for professional use from **£15** upwards? The model "B" outfits from **£28 9s.** upwards are the most reliable and efficient instruments the world over. All parts are interchangeable, and outfits can be made up to suit : : : : : : all pockets : : : : : :

CINEMATOGRAPH ACCESSORIES

Everything is supplied, including Film Menders; Film Spool and Film Winders; Iron Houses; Arc Lamps; Motors, etc.; Tripod Stands (special and improved pattern), Perforating and Printing Machines; Developing Apparatus; Measuring : : : : Machines, etc., etc. : : : :

FULL PRICE LIST ON APPLICATION

John Wrench & Son

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AT STRICTLY COMPETITIVE PRICES, TOGETHER WITH
PROMPT DELIVERIES

Satisfaction Guaranteed!!
Only Competent Workmen Employed!!

We feel that the above announcement will be read with interest by many of our customers who handle photographic apparatus, for up to the present, no one seems to have made a feature of this important side of the trade, or to have opened a special department to cope with the work.

Send your repairs to us and they will be carefully attended to.

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